

Form PTO-1449		ATTY. DOCKET NO. 0649-0922P	APPLICATION NO. New
INFORMATION DISCLOSURE CITATION IN AN APPLICATION		APPLICANT Akinori TAITA, et al.	
(Use several sheets if necessary)		PILING DATE December 24, 2003	GROUP Unassigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	Kind	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
C	US 5,978,428		1999-11-02	Hayashi		—	—
C	US 5,896,368		1999-04-01	Dahlman, et al.	—	—	—
C	US 4,004,226		1977-01-18	Qureshi, et al.	—	—	—
C	US 5,644,590		1997-07-01	Sugita	—	—	—
C	US 5,774,814		06-1998	Haas	—	—	—
C	US 6,018,651		01-2000	Bruckert, et al.	—	—	—
	US						

FOREIGN PATENT DOCUMENTS

Office	DOCUMENT NUMBER	Kind	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
							YES	NO
C	6447134	JP	1989-02-21	JAPAN			Abs	
	3230607	JP	1991-10-14	JAPAN			Abs	
	8298682	JP	1996-11-12	JAPAN			Abs	
	4400239		1991-08-07	EUROPE				
	4138798		1993-05-27	GERMANY				
	0674402		1995-09-27	EUROPE				
	9602984		1996-02-01	WIPO				
	09-252273		1997-09-22	JAPAN			Abs	
	08-298682		1996-11-12	JAPAN			Abs	
	05-037407		1993-02-12	JAPAN			Abs	
	06-204925		1994-07-22	JAPAN			Abs	
C	GB 2 294 610	A	1996-05-01	GREAT BRITAIN				
C	EP 0 624 994	A1	1994-11-17	EUROPE				

OTHER DOCUMENTS (Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.)

C	TIA/EIA/IS-139.1-A (TIA/EIA INTERIM STANDARD: TDMA Cellular/PCS-Radio Interface-Mobile Station -base Station -Compatibility-Digital Control Channel)
C	Research & Development Center for Radio Systems (pp. 22-26)
C	LIU, et al., "Quadrilivel Periodic Sequences for Fast Start-Up Equalization and Channel Estimation" IEEE Transactions on Communications 44 (1996) February, No. 2, New Your US

EXAMINER	DATE CONSIDERED
<i>C. Amy</i>	<i>4/17/06</i>
EXAMINER: Initial if citation considered. Whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Form PTO-1449 O INFORMATION DISCLOSURE CITATION IN AN APPLICATION <small>(Use several sheets if necessary)</small>				ATTY. DOCKET NO. 0649-0922P	APPLICATION NO. 10/743, 738		
				APPLICANT Akinori TAIRA, et al.			
				FILING DATE December 24, 2003	GROUP 2685		
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	Kind	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
<i>u</i>	US 4,004,226		1977-01-18	Qureshi, et al.			
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Office	DOCUMENT NUMBER	Kind	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION
							YES
DE	41 38 798	A1	1993-05-27	GERMAN			
EP	0 440 239	A2	1991-08-07	EUROPE			
EP	0 674 402	A1	1995-08-27	EUROPE			
PCT	WO/96/02984		1996-02-01	PCT			
OTHER DOCUMENTS (Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.)							
<i>u</i> "Quadrilevel Periodic Sequences for Fast Start-Up Equalization and Channel Estimation" Ging-Shing LIU, et al, IEEE Transactions on Communications, IEEE Inc. New York, Vol. 44, No. 2, 2-1-1996, pp 143-144							
EXAMINER <i>u</i>				DATE CONSIDERED <i>4/12/06</i>			
EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							